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NEWS 2	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 3	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS 4	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS 5	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6	JAN 22	CA/CAPLUS updated with revised CAS roles
NEWS 7	JAN 22	CA/CAPLUS enhanced with patent applications from India
NEWS 8	JAN 29	PHAR reloaded with new search and display fields
NEWS 9	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 10	FEB 15	PATDPASPC enhanced with Drug Approval numbers
NEWS 11	FEB 15	RUSSIAPAT enhanced with pre-1994 records
NEWS 12	FEB 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13	FEB 26	MEDLINE reloaded with enhancements
NEWS 14	FEB 26	EMBASE enhanced with Clinical Trial Number field
NEWS 15	FEB 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS 16	FEB 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17	FEB 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 18	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19	MAR 16	CASREACT coverage extended
NEWS 20	MAR 20	MARPAT now updated daily
NEWS 21	MAR 22	LWPI reloaded
NEWS 22	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS 23	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS 24	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS 25	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS 26	APR 30	CA/CAPLUS enhanced with 1870-1889 U.S. patent records
NEWS 27	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS 28	MAY 01	New CAS web site launched
NEWS 29	MAY 08	CA/CAPLUS Indian patent publication number format defined
NEWS 30	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 31	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS 32	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS 33	MAY 21	CA/CAPLUS enhanced with additional kind codes for German patents
NEWS 34	MAY 22	CA/CAPLUS enhanced with IPC reclassification in Japanese patents

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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=> S TCGTCGTTTTTCGGTCGTTTT/SQEN

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COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.21

0.21

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> S TCGTCGTTTTTCGGTCGTTTT/SQEN

9 TCGTCGTTTTTCGGTCGTTTT/SQEN

422956 SQL=21

L1

9 TCGTCGTTTTTCGGTCGTTTT/SQEN

(TCGTCGTTTTTCGGTCGTTTT/SQEN AND SQL=21)

=> FILE CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

8.15

8.36

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FILE 'CAPLUS' ENTERED AT 16:46:40 ON 30 MAY 2007
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FILE LAST UPDATED: 29 May 2007 (20070529/ED)

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<http://www.cas.org/infopolicy.html>

=> S L1
L2 6 L1

=> D BIB AB HITSEQ 2

L2 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:888480 CAPLUS <<LOGINID::20070530>>
DN 145:291047
TI Immunostimulatory oligonucleotides with stabilized internucleotide linkage for treating cancer, allergy, asthma and infection
IN Krieg, Arthur M.; Samulowitz, Ulrike; Vollmer, Joerg
PA Coley Pharmaceutical Group, Inc., USA; Coley Pharmaceutical GmbH
SO PCT Int. Appl., 93pp.:
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006091915	A2	20060831	WO 2006-US6778	20060224
	WO 2006091915	A3	20070315		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	US 2006211644	A1	20060921	US 2006-361313	20060224
PRAI	US 2005-655931P	P	20050224		
AB	The invention relates to a class of short CpG immunostimulatory oligonucleotides that are useful for stimulating an immune response. Preferably the short oligonucleotides are soft or semi-soft oligonucleotides.				

IT ***907637-93-8***
 RL: PRP (Properties)
 (unclaimed nucleotide sequence; immunostimulatory oligonucleotides with
 stabilized internucleotide linkage for treating cancer, allergy, asthma
 and infection)
 RN 907637-93-8 CAPLUS
 CN DNA, d(T-C-G-T-C-G-T-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (9CI) (CA INDEX NAME)

SEQ 1 tcgctcgtttt tcggtcgttt t

=> D BIB AB HITSEQ 3

L2 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2004:934524 CAPLUS <<LOGINID::20070530>>
 DN 141:394071
 TI Screening for oligonucleotide ligands of toll-like receptors for use as
 immunomodulators
 IN Vollmer, Joerg; Jurk, Marion; Lipford, Grayson B.; Schetter, Christian;
 Forsbach, Alexandra; Krieg, Arthur M.
 PA Coley Pharmaceutical G.m.b.H., Germany; Coley Pharmaceutical Group, Inc.
 SO PCT Int. Appl., 340 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004094671	A2	20041104	WO 2004-US12788	20040422
	WO 2004094671	A9	20050127		
	WO 2004094671	A3	20050922		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	EP 1631687	A2	20060308	EP 2004-760178	20040422
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR			
PRAI	US 2003-464586P	P	20030422		
	US 2003-464588P	P	20030422		
	WO 2004-US12788	W	20040422		

AB Screening methods to identify ligands, esp. oligonucleotides, for Toll-like receptors that may be useful as immunomodulators. These methods may also be used to assay the biol. activity of preps. contg. a known TLR ligand, e.g. in quality control. The methods involve testing responses induced by activation of a Toll-like receptor, such as changes in cell surface markers of patterns of gene expression, or the use of a reporter gene regulated by a promoter controlled by a.

IT ***787252-18-0***
 RL: BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (nucleotide sequence, ligand for TLR-9; screening for oligonucleotide

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ligands of toll-like receptors for use as immunomodulators)

RN 787252-18-0 CAPLUS

CN DNA, d(T-C-G-T-C-G-T-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (9CI) (CA INDEX NAME)

SEQ 1 tcgtcgtttt tcggtcgttt t

=> D BIB AB HITSEQ 4

L2 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:857435 CAPLUS <<LOGINID::20070530>>

DN 141:337779

TI Immunostimulatory nucleic acid oil-in-water topical emulsions for use with vaccines

IN Davis, Heather L.; McCluskie, Michael J.

PA Coley Pharmaceutical Group, Ltd., Can.

SO PCT Int. Appl., 188 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2004087203 A2 20041014 WO 2004-IB1371 20040401
WO 2004087203 A3 20041223

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2004226605 A1 20041014 AU 2004-226605 20040401
CA 2521050 A1 20041014 CA 2004-2521050 20040401
US 2004235770 A1 20041125 US 2004-816220 20040401
EP 1608403 A2 20051228 EP 2004-725130 20040401

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

PRAI US 2003-459920P P 20030402
US 2003-461903P P 20030410
WO 2004-IB1371 W 20040401

AB Oil-in-water emulsions contg. an an immunostimulatory nucleic acid, such as CpG oligonucleotide, are described for topical administration in the prevention and treatment of infection. The emulsion may also contain other therapeutic agents, including antiviral, antibacterial or antitumor agents. The compns. can be used to stimulate immune responses, particularly useful in the prevention and/or treatment of infectious disease and cancer. In tests with mice infected with human herpesvirus 2, immunostimulation against the virus was superior when the nucleic acids were delivered in an oil-in-water emulsion. Water-in-oil emulsions were no more effective than control treatments.

IT ***771209-76-8***
RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(nucleotide sequence, immunostimulatory nucleic acid for vaccine use;

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immunostimulatory nucleic acid oil-in-water topical emulsions for use
with vaccines)

RN 771209-76-8 CAPLUS

CN DNA, d(T-C-G-T-C-G-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (9CI) (CA INDEX NAME)

SEQ 1 tcgtcgtttt tcggtcgttt t

=> D BIB AB HITSEQ 5

L2 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:162829 CAPLUS <<LOGINID::20070530>>

DN 140:230578

TI Sequences of immunostimulatory oligonucleotides and therapeutic use for
immune related diseases

IN Krieg, Arthur M.; Samulowitz, Ulrike; Vollmer, Joerg; Uhlmann, Eugen;
Jurk, Marion; Lipford, Grayson; Rankin, Robert

PA Coley Pharmaceutical Group, Inc., USA; Coley Pharmaceutical GmbH

SO PCT Int. Appl., 276 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004016805	A2	20040226	WO 2003-US25935	20030819
	WO 2004016805	A9	20040819		
	WO 2004016805	A3	20050217		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	CA 2493753	A1	20040226	CA 2003-2493753	20030819
	AU 2003259916	A1	20040303	AU 2003-259916	20030819
	US 2005059619	A1	20050317	US 2003-644052	20030819
	EP 1538904	A2	20050615	EP 2003-788643	20030819
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	CN 1688192	A	20051026	CN 2003-824039	20030819
	JP 2006508693	T	20060316	JP 2005-502069	20030819
	IN 2005KN00167	A	20060421	IN 2005-KN167	20050210
	NO 2005001469	A	20050519	NO 2005-1469	20050318
PRAI	US 2002-404479P	P	20020819		
	US 2002-404820P	P	20020819		
	US 2002-429701P	P	20021127		
	US 2003-447377P	P	20030214		
	WO 2003-US25935	W	20030819		
OS	MARPAT 140:230578				
AB	The invention relates to a class of soft or semi-soft CpG immunostimulatory oligonucleotides that are useful for stimulating an immune response.				
IT	***666769-78-4***				
	RL: PRP (Properties)				

10613524Brtf.trn

(unclaimed nucleotide sequence; sequences of immunostimulatory oligonucleotides and therapeutic use for immune related diseases)

RN 666769-78-4 CAPLUS

CN DNA, d(T-C-G-T-C-G-T-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (9CI) (CA INDEX NAME)

SEQ 1 tcgtcgtttt tcggtcgttt t

=> D BIB AB HITSEQ 6

L2 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:41608 CAPLUS <<LOGINID::20070530>>

DN 140:110112

TI Immunostimulatory nucleic acids for enhancing immune responses to antigen vaccines against cancer, infection, allergy and autoimmune disease

IN Krieg, Arthur M.

PA Coley Pharmaceutical Group, Inc., USA

SO PCT Int. Appl., 257 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004005476	A2	20040115	WO 2003-US21113	20030703
	WO 2004005476	A3	20040521		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	CA 2494508	A1	20040115	CA 2003-2494508	20030703
	AU 2003247880	A1	20040123	AU 2003-247880	20030703
	US 2004053880	A1	20040318	US 2003-613739	20030703
	US 2004067905	A1	20040408	US 2003-613749	20030703
	US 2004092472	A1	20040513	US 2003-613228	20030703
	US 2004152649	A1	20040805	US 2003-613736	20030703
	US 2004198680	A1	20041007	US 2003-613524	20030703
	EP 1551221	A2	20050713	EP 2003-763239	20030703
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	CN 1678188	A	20051005	CN 2003-820863	20030703
	JP 2005532067	T	20051027	JP 2004-519911	20030703
	IN 2005KN00122	A	20060106	IN 2005-KN122	20050202
PRAI	US 2002-393880P	P	20020703		
	US 2002-394090P	P	20020703		
	US 2002-394091P	P	20020703		
	US 2002-394164P	P	20020703		
	US 2002-394193P	P	20020703		
	WO 2003-US21113	W	20030703		

AB The invention provides immunostimulatory nucleic acids comprising CpG motifs, and methods of use thereof in stimulating immunity. The immunostimulatory nucleic acids are T-rich, poly-T-contg. or poly-G-contg. sequences. The immunostimulatory nucleic acids are formulated in

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nutritional supplement, capsule, pill, sublingual tablet, parenteral, local, sustained-release, mucosal, oral, nasal, rectal, vaginal, ocular or systemic forms for administration. The immunostimulatory nucleic acids are esp. useful as adjuvant for vaccines against cancer, infection, allergy and autoimmune disease.

IT

646543-87-5

RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(T-rich and poly-T-contg. or poly-G-contg immunostimulatory nucleic acids for enhancing immune responses to antigen vaccines against cancer, infection, allergy and autoimmune disease)

RN

646543-87-5 CAPLUS

CN

DNA, d(T-C-G-T-C-G-T-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (9CI) (CA INDEX NAME)

SEQ

1 tcgctcgtttt tcggtcgttt t

=> D BIB AB HITSEQ 1

L2 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:284126 CAPLUS <<LOGINID::20070530>>

DN 146:336431

TI Adjuvanted vaccine for tularemia comprising killed Francisella strain

IN Eyles, James Edward; Hartley, Margaret Gillian

PA The Secretary of State for Defence, UK

SO PCT Int. Appl., 32pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007028985	A2	20070315	WO 2006-GB3296	20060907
	WO 2007028985	A3	20070503		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
PRAI	GB 2005-18203	A	20050907		
	GB 2005-18305	A	20050908		

AB This invention relates to new immunogenic compns. and vaccines suitable for preventing or treating tularemia. The strain used by the inventors is F. tularensis LVS (live vaccine strain), killed by irradiation. Three different adjuvants were used in the examples: ISCOM (AbISCO-100), CpG 7909 (CpG oligodeoxynucleotide), and Alhydrogel (Alum). Mice were immunized either s.c. or i.m. with 1.5 x 10⁹ CFU LVS. The inventors performed the anal. of antibody response and challenge studies. The ELISPOT assay showed that immunization with LVS produced a cytokine recall response profile consistent with a biased Th1 response (high interferon .gamma. formation and low interleukin-4 formation).

IT

929138-62-5

10613524Brtf.trn

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)

(adjuvanted vaccine for tularemia comprising killed Francisella strain)

RN 929138-62-5 CAPLUS

CN DNA, d(P-thio)(T-C-G-T-C-G-T-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT ***929576-39-6***

RL: PRP (Properties)

(unclaimed nucleotide sequence; adjuvanted vaccine for tularemia
comprising killed Francisella strain)

RN 929576-39-6 CAPLUS

CN DNA, d(T-C-G-T-C-G-T-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (CA INDEX NAME)

SEQ 1 tcgctcgtttt tcggtcgttt t

=> LOGOFF

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:Y

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

53.46

61.82

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

ENTRY

TOTAL

SESSION

CA SUBSCRIBER PRICE

-4.68

-4.68

STN INTERNATIONAL LOGOFF AT 16:53:57 ON 30 MAY 2007